

Product datasheet for TP301713M

SNRP70 (SNRNP70) (NM_003089) Human Recombinant Protein

Product data:

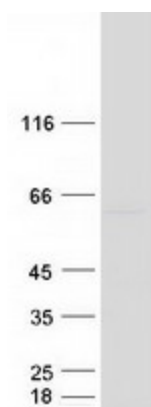
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small nuclear ribonucleoprotein 70kDa (U1) (SNRNP70), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201713 protein sequence Red=Cloning site Green=Tags(s)
	<p>MTQFLPPNLLALFAPRDPPIPYLPPLEKLPHEKHHNQPYCGIAPYIREFEDPRDAPPPTRAETREERMERK RREKIERRQQEVETELKMWDPHNDPNAQGDAFKTLFVARVNYDTTESKLRREFEVYGPIKRIHMVYSKRS GKPRGYAFIEYEHERDMHSAYKHADGKKIDGRRVLVDVERGRTVKGWRPRRLGGGLGGTRRGADVNIRH SGRDDTSRYDERPGPSPLPHRDRDRDRERERRERSRERDKERERRRSRSDRRRRRSRSDKEERRRSRER SKDKDRDRKRSSRSRERARRERERKEELRGGGGDMAEPSEAGDAPPDDGPPGELGPDGPDGPPEEKGRDR DRERRRSHRSERERRRDRDRDRDRDREHKRGERGSRGRDEARGGGGGQDNGLEGLGNDSRDMMYMESEGG DGYLAPENGYLMEAAPE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	51.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_003080</u>



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Locus ID:	6625
UniProt ID:	P08621 , A0A024QZD5
RefSeq Size:	2008
Cytogenetics:	19q13.33
RefSeq ORF:	1311
Synonyms:	RNPU1Z; RPU1; Snp1; SNRP70; U1-70K; U1AP; U1RNP; U170K
Summary:	Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome (PubMed:19325628, PubMed:25555158). SNRNP70 binds to the loop I region of U1-snRNA (PubMed:2467746, PubMed:19325628, PubMed:25555158).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified SNRNP70 protein (Cat# [TP301713]). The protein was produced from HEK293T cells transfected with SNRNP70 cDNA clone (Cat# [RC201713]) using MegaTran 2.0 (Cat# [TT210002]).